



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/729,432	12/04/2003	Ivan Sepetka	005-005-C1	8390
33746 7590 12/09/2009 HOEKENDIJK & LYNCH, LLP P.O. BOX 4787 BURLINGAME, CA 94011-4787				
EXAMINER				
SEVERSON, RYAN J				
ART UNIT		PAPER NUMBER		
3731				
MAIL DATE		DELIVERY MODE		
12/09/2009		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/729,432

**Applicant(s)**

SEPETKA ET AL.

**Examiner**

Ryan J. Severson

**Art Unit**

3731

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 July 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 27-41, 43 and 44 is/are pending in the application.
- 4a) Of the above claim(s) 27-37 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 38-41, 43 and 44 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SI/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/17/2009 has been entered.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 38, 39 and 44 are rejected under 35 U.S.C. 102(b) as being anticipated by Wallsten et al. (4,848,343).** Wallsten et al. disclose a device comprising a cover (2) capable of covering a neck of an aneurysm and a delivery catheter having an expandable element (30) and a sheath (5), the expandable element being at the distal end of the catheter (see figure 1), the cover being mounted around the expandable element (see figure 2), the sheath being retractable and having a fold (at 6) at its end. The delivery catheter has a lumen that receives a guidewire (see column 3, lines 41-43).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claim 40 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wallsten et al. (4,848,343) in view of Fogarty et al. (6,110,198).** Wallsten et al. do not disclose an adhesive on the outer surface of the cover (stent). Attention is drawn to Fogarty et al., who teach it is known to use an adhesive to secure a graft to a stent (see column 9, lines 13-15) to prevent the stent from migrating downstream relative to the graft. Further, the use of a graft with a stent is known in the art for a multitude of reasons, for example preventing restenosis or excessive cellular ingrowth through the openings in the stent. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the adhesive and graft of Fogarty et al. with the stent of Wallsten et al. to allow a graft to be placed securely on the stent.

6. **Claim 41 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wallsten et al. (4,848,343) in view of Summers et al. (5,772,668).** Wallsten et al. do not disclose an impermeable portion on the cover. Attention is drawn to Summers et al., who teach it is known to include an impermeable portion on a frame (see column 3, lines 26-31 and 62-65) to be used at an aneurysm site to seal the aneurysm from further blood flow (see column 5, lines 58-61) to prevent the aneurysm from bursting. Therefore, it would have been obvious to one of ordinary skill in the art at the time the

invention was made to include the impermeable membrane of Summers et al. on the stent of Wallsten et al. to seal the aneurysm from further blood flow.

7. **Claim 43 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wallsten et al. (4,848,343) in view of Hull (5,192,297).** Wallsten et al. do not disclose the sheath is made from PTFE. Attention is drawn to Hull, who teaches it is known in the art to make sheaths of PTFE (see column 2, lines 62-64) to provide a sheath that is durable yet flexible. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to make the sheath of Wallsten et al. of PTFE, as taught by Hull, to provide a sheath that is durable yet flexible.

#### ***Response to Arguments***

8. Applicant's arguments with respect to claim 38 have been considered but are moot in view of the new ground(s) of rejection.

#### ***Conclusion***

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ryan J. Severson whose telephone number is (571) 272-3142. The examiner can normally be reached on Monday - Friday 8:30-5:00.

10. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anh Tuan Nguyen can be reached on (571) 272-4963. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

11. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Ryan J. Severson/  
Examiner, Art Unit 3731  
12/4/09

/Anh Tuan T. Nguyen/  
Supervisory Patent Examiner, Art Unit 3731  
12/4/09